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**TITLE OF THE INVENTION:**

Nectarine Tree 'S 6817'

**CROSS REFERENCE TO RELATED APPLICATIONS:**

10           None

**PRIORITY CLAIM:**

This application claims priority of U.S. Provisional patent application Ser. No.  
60/404,173 filed August 15, 2002.

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**STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR  
DEVELOPMENT:**

None

20   **LATIN NAME OF THE GENUS AND SPECIES OF THE PLANT CLAIMED:**

*Prunus persica* L. Batsch.

**VARIETY DENOMINATION:**

'S 6817'

## **BRIEF DESCRIPTION OF THE PHOTOGRAPHS:**

The photograph shows the fruit of the new cultivar.

## **5 DETAILED BOTANICAL DESCRIPTION OF THE VARIETY:**

The new nectarine tree 'S 6817' was developed as part of a controlled breeding program.

The new nectarine tree has been observed to remain true to type over successive asexually propagated generations.

### **10 Tree**

Type Non-spur type

Vigor Strong

Habit Upright

#### **Flowering Branch**

15 Thickness Medium

Length of internodes Medium

Anthocyanin coloration Present

Intensity of anthocyanin coloration Medium

### **20 Flowering Branch**

Abundance of flower buds Many

Distribution of flower buds Generally in groups of two or more

Time of beginning of flowering      Medium

Duration of flowering      Medium

### **Flower**

5      Shape      Rosaceous

Calyx color (open flower before falling of petals)      Orange

Petal size      Medium

Petal color at full flowering      Medium pink

Number of petals      Five

10      Number of pistils      Always one

### **Leaves**

Time of leaf bud burst Medium

Size      Large

15      Ratio length/width      Medium

Profile      Upfolded

Curvature of tip      Recurved downward

Angle at base      Nearly right angle

Angle at top      Large

20      Anthocyanin coloration      Absent

Petiole

Length      Long

Nectaries	Present
Shape of nectaries	Kidney-shaped
Number of nectaries	Normally more than two

## 5 **Fruit**

Size	Medium
Shape in profile view	Very flat
Shape of tip	Bowl shaped depressed
Symmetry when cut along suture	Asymmetric

10	Suture	Marked
	Depth of petiole cavity	Shallow
	Width of petiole cavity	Medium
	Ground color of skin	Orange yellow
	Extension of anthocyanin coloration of skin	Large

15	Pubescence	Absent
	Thickness of skin	Thin
	Adherence of skin	Absent or very weak
	Firmness of flesh	Strong
	General color of flesh	Yellow to orange yellow

20	Anthocyanin coloration directly under skin	Absent
	Anthocyanin coloration of the flesh	Absent
	Anthocyanin coloration around the stone	Present

Texture of the flesh	Not fibrous
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Sugar content of flesh	Medium
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### **Stone**

5	Size compared to fruit	Small
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	Shape	Flat
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	Color	Dark
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	Likelihood of stone to split	Absent or very weak
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	Degree of adherence to flesh	Medium
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### **Maturity**

	Time of maturity	Late
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	Duration	Spread out
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	Preharvest drop	Some occurrence
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15	Time of falling of leaves	Medium
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